IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An information processing apparatus having embedded therein a non-contact type [[IC]] integrated circuit (IC), the information processing apparatus comprising:

communicating means for communicating data with said non-contact type IC via data lines, said non-contact type IC including a memory, a memory control unit, and an antenna that are independent of the information processing apparatus;

detecting means for detecting any access to said non-contact type IC, said detecting means being external to said non-contact type IC;

determining means for determining whether a result of detection by said detecting means indicates internal access by said communicating means of the information processing apparatus via said data lines or external access from an external apparatus external to the information processing apparatus via said antenna according to a change of electromagnetic field strength detected by said antenna; and

access controlling means for controlling the external access from said external apparatus via said antenna when said determining means determines that the result of detection by said detecting means indicates the external access from said external apparatus via said antenna,

wherein the memory, memory control unit, and antenna of the non-contact type IC are separate and distinct elements from the communicating means, the detecting means, the determining means, and the access controlling means of the information processing apparatus.

2. (Previously Presented) The information processing apparatus as claimed in claim 1, further comprising recording means for recording history information of the internal or external access when said detecting means detects the internal or external access to said non-contact type IC.

3. (Previously Presented) The information processing apparatus as claimed in claim 2,

wherein said access controlling means refers to said history information recorded in said recording means and, when said history information corresponding to said external apparatus is retrieved, controls the external access from said external apparatus based on said history information.

4. (Previously Presented) The information processing apparatus as claimed in claim 2,

wherein said access controlling means refers to said history information recorded in said recording means and, when said history information corresponding to said external apparatus is not retrieved, displays a selection screen for allowing selection of permission or denial of the external access; and

said recording means records said history information on a basis of an operation of said selection screen by a user.

5. (Currently Amended) The information processing apparatus as claimed in claim 1, further comprising:

informing means for, when said determining means determines that the result of

detection by said detecting means indicates the external access from said external apparatus

via said antenna, notifying a user of the external access.

6. (Previously Presented) The information processing apparatus as claimed in claim

5,

wherein said informing means notifies the user of the external access by a warning

display, sound, light, or vibration.

7. (Original) The information processing apparatus as claimed in claim 5,

wherein said informing means changes an informing method according to an access

source.

8. (Canceled)

9. (Currently Amended) An information processing method performed by an

information processing apparatus having embedded therein a non-contact type [[IC]]

integrated circuit (IC), said information processing method comprising:

a communicating step for communicating data with said non-contact type IC using

data lines, said non-contact type IC including a memory, a memory control unit, and an

antenna that are independent of the information processing apparatus;

a detecting step for detecting, by a signal judging unit of the information processing

apparatus that is external to the non-contact type IC , any access to said non-contact type IC;

a determining step for determining, by the signal judging unit of the information

processing apparatus that is external to the non-contact type IC whether a result of detection

by processing of said detecting step indicates internal access <u>via said data lines</u> by processing

of said communicating step or external access from an external apparatus external ~~to the~~

~~information processing apparatus~~ <u>via said antenna according to a change of electromagnetic</u>

<u>field strength by said antenna</u>; and

an access controlling step for controlling the external access from said external

apparatus <u>via said antenna</u> when processing of said determining step determines that the

result of detection by the processing of said detecting step indicates the external access from

said external apparatus <u>via said antenna,</u>

<u>wherein the memory, memory control unit, and antenna of the non-contact type IC are</u>

<u>separate and distinct elements from the signal judging unit of the information processing</u>

<u>apparatus</u>.

10. (Currently Amended) A recording medium on which a computer readable

program for making a computer perform information processing of an information processing

apparatus having embedded therein a non-contact type <u>integrated circuit (IC)</u> is recorded, said

program comprising:

a communicating step for communicating data with said non-contact type IC using

data lines, said non-contact type IC including a memory, a memory control unit, and an

antenna that are independent of the information processing apparatus;

a detecting step for detecting<u>, by a signal judging unit of the information processing</u>

<u>apparatus that is external to the non-contact type IC,</u> any access to said non-contact type IC;

a determining step for determining<u>, by the signal judging unit of the information</u>

<u>processing apparatus that is external to the non-contact type IC,</u> whether a result of detection

by processing of said detecting step indicates internal access <u>via said data lines</u> by processing

of said communicating step or external access from an external apparatus ~~external to the~~

~~information processing apparatus~~ via said antenna according to a change of electromagnetic field strength detected by said antenna; and

an access controlling step for controlling the external access from said external apparatus via said antenna when processing of said determining step determines that the result of detection by the processing of said detecting step indicates the external access from said external apparatus via said antenna,

wherein the memory, memory control unit, and antenna of the non-contact type IC are separate and distinct elements from the signal judging unit of the information processing apparatus.

11. (Canceled)

12. (Currently Amended) An information processing apparatus having embedded therein a non-contact type [[IC]] integrated circuit (IC), comprising:

communicating means for communicating data with said non-contact type IC, said detecting means being external to said non-contact type IC using data lines, said non-contact type IC including a memory, a memory control unit, and an antenna ~~that are independent of the information processing apparatus~~;

detecting means for detecting any access to said non-contact type IC, said detecting means being external to said non-contact type IC;

determining means for determining whether a result of detection by said detecting means indicates internal access by said communicating means of the information processing apparatus via said data lines or external access from an external apparatus ~~external to the information processing apparatus~~ via said antenna according to a change of electromagnetic field strength detected by said antenna; and

informing means for, when said determining means determines that the result of detection by said detecting means indicates the external access from said external apparatus via said antenna, notifying a user of the external access,

wherein the memory, memory control unit, and antenna of the non-contact type IC are separate and distinct elements from the communicating means, the detecting means, the determining means, and the access controlling means of the information processing apparatus.

13. (Previously Presented) The information processing apparatus as claimed in claim 9,

wherein said informing means notifies the user of the external access by a warning display, sound, light, or vibration.

14. (Original) The information processing apparatus as claimed in claim 9,

wherein said informing means changes an informing method according to an access source.

15. (Previously Presented) The information processing apparatus as claimed in claim 9, further comprising recording means for recording history information on the internal or external access when said detecting means detects the internal or external access to said non-contact type IC.

16. (Canceled)

17. (Currently Amended) An information processing method performed by an information processing apparatus having embedded therein a non-contact type <u>integrated circuit (IC)</u>, comprising:

a communicating step for communicating data with said non-contact type IC using data lines, said non-contact type IC including a memory, a memory control unit, and an antenna that are independent of the information processing apparatus;

a detecting step for detecting<u>, by a signal judging unit of the information processing apparatus that is external to the non-contact type IC,</u> any access to said non-contact type IC;

a determining step for determining<u>, by the signal judging unit of the information processing apparatus that is external to the non-contact type IC,</u> whether a result of detection by processing of said detecting step indicates internal access <u>via said data lines</u> by processing of said communicating step or external access from an external apparatus ~~external to the information processing apparatus~~ <u>via said antenna according to a change of electromagnetic field strength detected by said antenna</u>; and

an informing step for, when processing of said determining step determines that the result of detection by the processing of said detecting step indicates the external access from said external apparatus <u>via said antenna</u>, notifying a user of the external access<u>,</u>

<u>wherein the memory, memory control unit, and antenna of the non-contact type IC are separate and distinct elements from the signal judging unit of the information processing apparatus</u>.

18. (Currently Amended) A recording medium on which is recorded a computer readable program for making a computer perform information processing of an information processing apparatus having embedded therein a non-contact type <u>integrated circuit (IC),</u> comprising:

a communicating step for communicating data with said non-contact type IC using

data lines, said non-contact type IC including a memory, a memory control unit, and an

antenna that are independent of the information processing apparatus;

a detecting step for detecting, by a signal judging unit of the information processing

apparatus that is external to the non-contact type IC, any access to said non-contact type IC;

a determining step for determining, by the signal judging unit of the information

processing apparatus that is external to the non-contact type IC, whether a result of detection

by processing of said detecting step indicates internal access via said data lines by processing

of said communicating step or external access from an external apparatus external to the

information processing apparatus via said antenna according to a change of electromagnetic

field strength detected by said antenna; and

an informing step for, when processing of said determining step determines that the

result of detection by the processing of said detecting step indicates the external access from

said external apparatus via said antenna, notifying a user of the external access,

wherein the memory, memory control unit, and antenna of the non-contact type IC are

separate and distinct elements from the signal judging unit of the information processing

apparatus.

19. (Canceled)